

Abstract of the disclosure

The antenna main body having the conductor wound around thereon and the radio wave receiving parts for receiving the radio waves are formed independently, the area of the radio wave receiving region of the radio wave receiving parts is formed to be larger than a cross sectional area of the antenna main body in the direction orthogonal to the winding direction of the conductor, and the radio wave receiving parts are arranged so as to be in contact with the antenna main body at the ends in the winding direction of the conductor.